

ABSTRACT OF THE DISCLOSURE

An LED fixation device that is secured to a patient's face and covers the patient's fellow eye during eye surgery to provide a lighted fixation target. The fixation device includes an eye shield, a battery, a switch and an LED light source secured to the eye shield. The light source is switched on, and the patient is directed to look at the light source during the surgical procedure. The eye shield can be made of any suitable material, such as plastic and paper, and can be disposable.